

Performance & Use

- AX1800—1.5x better performance than an AC router, up to 1.8Gbps[†] for fast wireless speeds[‡]
- WiFi 6 supports all current WiFi devices—Backward compatible with earlier WiFi generation devices
- Nighthawk® App—Easily set up and monitor your home network, including access from anywhere
- Powerful processor—Quad-core processor ensures smooth 4K UHD streaming
- 4 Gigabit Ethernet LAN ports—Connect more wired devices for faster file transfer and uninterrupted connections
- Voice controlled by Amazon Alexa® & the Google Assistant™—Control your NETGEAR WiFi network with simple voice commands
- NETGEAR Armor™—Complete cyber threat protection built into your router for an unlimited number of devices connected to your network, including IoT devices, tablets, computers, and smartphones
- NETGEAR Smart Parental Controls™—Experience the ease of managing your kids' time online across their connected devices and promote healthy habits anywhere they go[∞]



Overview

The NETGEAR® 4-Stream AX1800 WiFi 6 Router, built with the latest generation WiFi 6 technology, provides greater capacity to handle more devices on your network and speeds up to 1.8Gbps, ensuring that you can enjoy blazing fast Internet connections on all your devices. This next-gen router is recommended for small to medium homes, up to 1,500 sq. ft., with 20 or more connected devices. Powerful quad-core processor ensures

superior performance for concurrent real-time applications such as multimedia streaming, online gaming and audio/video chats. Upgrade to the latest WiFi 6 technology and have the peace-of-mind that your WiFi is set for years to come. This router is also wall-mount capable, giving you more options on where to place your router. With NETGEAR Armor™, you get complete cyber threat protection built into your router for an

unlimited number of devices connected to your network, including IoT devices, tablets, computers, and smartphones. Experience the ease of managing your kids' time online across their connected devices and promote healthy habits anywhere they go with NETGEAR Smart Parental Controls™[∞].

[∞] NETGEAR Smart Parental Controls™ are not available in all regions and countries. Visit www.netgear.com/NETGEAR-SPC-availability for availability.

Speed

Speed makes HD video better. Speed makes online gaming awesome. Speed makes all your devices really go. And anyplace you need speed, with NETGEAR you got it. Extreme download speeds up to 600+1200Mbps. Uses WiFi 6 (802.11ax) with dual band technology providing whole home coverage with Gigabit wired and wireless connection. Everything you need for a fast, fast, fast connected home.



1.5X BETTER PERFORMANCE THAN AN AC ROUTER—4 stream WiFi with up to 1.8Gbps[†] for fast wireless speeds[†]



EXTREMELY FAST WIFI—Up to 600+1200Mbps[†]



4 GIGABIT ETHERNET LAN PORTS—Connect more wired devices for faster file transfer and uninterrupted connections

WiFi Range

Homes come in all shapes and sizes. The 4-Stream AX1800 WiFi 6 Router with additional high-power external antennas provides WiFi connectivity throughout your home for all your Internet-enabled devices.



BETTER RANGE—Wireless coverage for small to medium homes



ANTENNAS—Great range with external antennas for best connectivity

Reliable Connections

Stay connected—with your devices, your media, and your friends. Simultaneous dual band WiFi provides two separate WiFi networks—2.4GHz for legacy devices and 5GHz which is less interference-prone for media streaming.



POWERFUL PROCESSOR—Quad-core processor ensures smooth 4K UHD streaming



SIMULTANEOUS DUAL BAND WIFI—Reduces interference for better connections to more WiFi devices



MORE WIFI FOR MORE DEVICES—Allows efficient data transmission to devices simultaneously.[§]

Sharing

Relive memories and share them with others. Stream 4K UHD content to more devices at the same time with 4-Stream WiFi. If it's secure and shared storage access you want NETGEAR has easy ways to do it.



4-STREAM WIFI—Stream 4K UHD content to more devices at the same time



SUPERSPEED USB 3.0 PORT—Up to 10x faster than USB 2.0

Ease Of Use

Start enjoying your new device faster than ever. NETGEAR wants to make sure installation and management is simple & easy, so you can connect quickly & make sure you stay that way!



EASY INSTALL—Easy setup for iPad®, tablets, smartphones & computers



NIGHTHAWK® APP—Easily set up your router and get more out of your WiFi. Includes access from anywhere to manage your network away from home



WiFi 6 SUPPORTS CURRENT WiFi DEVICES—Backward compatible with earlier WiFi generation devices



VOICE CONTROL—Control your NETGEAR WiFi network with simple voice commands using Amazon Alexa® & the Google Assistant™

Security

Maintain high security across your network to ensure your privacy & family is safe while online. Whether it's preventing phishing & spyware, NETGEAR has you covered.



NETGEAR ARMOR™—Cybersecurity for your home††. Advanced cyber threat protection for your home network and your connected devices



NETGEAR Smart Parental Controls™—Easily manage your kids time online across their connected devices™



VPN SUPPORT—On PC, MAC, & now also with OpenVPN Connect app on iOS & Android, securely access your home network & Internet



GUEST NETWORK ACCESS—Separate & secure access for guests



STANDARDS-BASED WiFi SECURITY (802.11i, 128-bit AES encryption with PSK)



AUTOMATIC FIRMWARE UPDATE—Delivers latest security patches to the router



WiFi 6—Ready for Today and Tomorrow's Smart Home

Delivering four times better performance than AC WiFi, WiFi 6 allows more devices to connect and stream simultaneously, without impacting speed or reliability, by efficiently packing and scheduling data. Rising to the challenges of modern smart home demands, this new standard of WiFi is ready to support more devices with better reliability and faster speeds.

Capacity

WiFi 6 gives you improved network capacity for more WiFi devices. Have more fun with the uninterrupted 4K streaming, gaming, and the smart home experience.

Speed

Get ultra-fast wireless speeds with more connections for all devices with less congestion. You'll get some blazing connection speeds of more than one gigabit per second or more, 4K streaming, & VR/AR gaming.

Range

Experience reliable and stronger WiFi coverage indoors and outdoors for all your devices. High-performance antennas, pre-optimized for best performance, on the router amplify WiFi signals for maximized range and reliable coverage.

Nighthawk® App

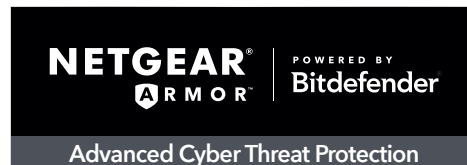
The Nighthawk® App makes it easy to set up your router and get the most out of your WiFi. With the app, you can install your router in few steps—just connect your mobile device to the router network and the app will walk you through the rest. Once set up, you can use the intuitive dashboard to pause the Internet on your connected devices, run a quick Internet speed test, and much more!

- Anywhere Access—Easily monitor your home network anytime, anywhere
- Internet Speed Test—Check the broadband speeds from your service provider
- Pause Internet—Pause the Internet to any device
- Traffic Meter—Track Internet data usage
- Guest Networks—Set up separate WiFi access for guests
- Quick Setup—Get connected in just minutes
- Get it at nighthawk-app.com



NETGEAR Armor™

Powered by Bitdefender®, NETGEAR Armor™ is one of the most comprehensive and advanced security solutions that protects you and your family from hackers and viruses. It's built into your NETGEAR router and is easily managed through the NETGEAR iOS or Android app. NETGEAR Armor™ includes Bitdefender's award-winning anti-virus, anti-malware, total protection suite for unlimited computers, smartphones, and tablets plus Bitdefender VPN to safeguard these devices—anywhere you go.

**Advanced Security Built into Your NETGEAR Router**

PROTECTS ALL CONNECTED DEVICES—Safeguard all your smart home devices, game consoles, TVs, and streaming players, as well as your tablets, computers, and smartphones.



SENSITIVE DATA PROTECTION—Keeps your data private by blocking attempts to send your login and banking info, SSNs, and more from being sent over unencrypted connections.



ANOMALY DETECTION—Blocks unusual behavior on your connected devices detected by our machine learning algorithm to protect your network against attacks.



BRUTE FORCE PROTECTION—Protects the entire network by preventing connected smart devices from being compromised by botnet attacks, such as credential and encryption key attacks.



DDoS PROTECTION—Prevents and protects your network against crippling denial-of-service attacks.



EXPLOIT PREVENTION/IDS—Protects your data and devices by blocking attacks—like malicious intrusions—that try to exploit vulnerabilities in your connected devices or software.



AUTOMATIC THREAT BLOCKING—Blocks viruses, ransomware, phishing, spoofing, and other advanced cyberattacks threatening your network and connected devices with vulnerabilities.



WEB PROTECTION—Instantly blocks webpages that possibly contain harmful malware, phishing, or other malicious content. (For Android and iOS devices)



VULNERABILITY SCAN—Closes any backdoor entries or hackers by identifying weak passwords or credentials and firmware or services with vulnerabilities.



REAL-TIME ALERTS—Notifications of detected and blocked threats and when new devices connect to your network.



MANAGE NETGEAR ARMOR EASILY—Stay in the know with your Nighthawk App—anywhere, anytime.

Your Armor subscription also includes features that protect your devices outside your home:

BITDEFENDER SECURITY—Install this protection on your desktop and laptop computers and mobile devices for an extra layer of cybersecurity at home and on-the-go.



BITDEFENDER® VPN—Encrypts your Internet connection to keep your online activity private, even while you're on unsecured public networks.



ANTI-THEFT PROTECTION—Remotely locate, lock, and wipe your lost or stolen devices.

NETGEAR Smart Parental Controls™∞

Creating the safest online experience for your kids is important and our built-in Smart Parental Controls makes it easy.

You are in control of your kids' Internet access:

- Pause the Internet for needed breaks
- Create custom profiles to manage online time for each kid

With the Premium subscription*, you get even more insights into your kids' online activities to promote healthy habits:

- Get a detailed report of your kids' Internet usage and block any sites
- Customize filters for your kids and limit their Internet time

Key Features:

PROFILES



PAUSE

CONTENT
FILTERTIME
LIMITS

REWARDS

DEVICE
USAGEWEB
HISTORY

OFFTIME

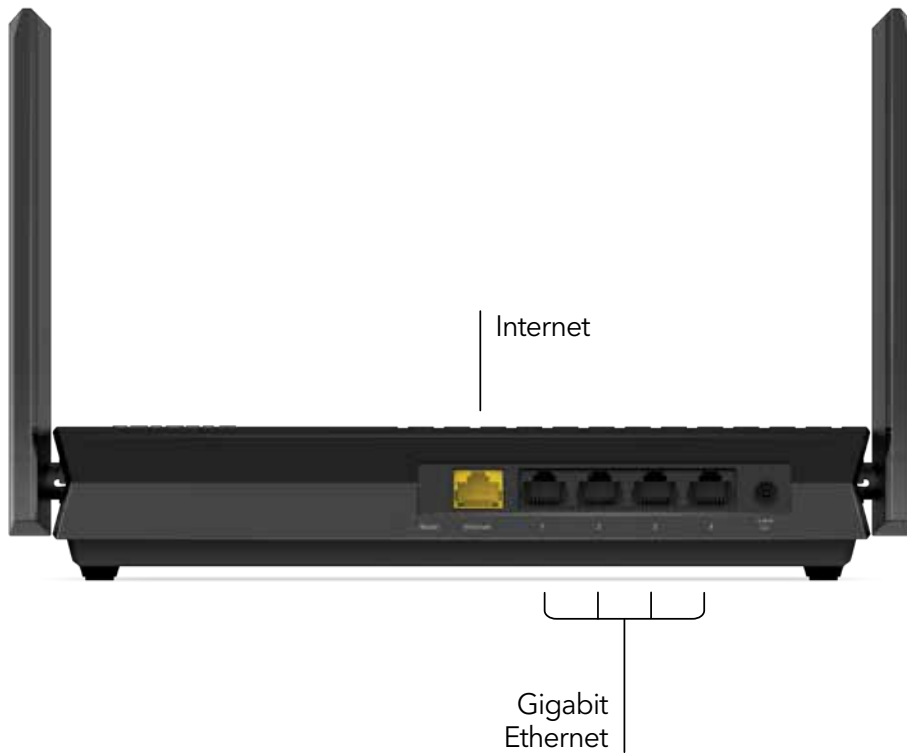


BEDTIME

*NETGEAR Smart Parental Controls™ are not available in all regions and countries. Visit www.netgear.com/NETGEAR-SPC-availability for availability.

* NETGEAR Smart Parental Controls™ Premium requires a paid subscription after the 30-day free trial. (No credit card required for the trial). Visit netgear.com/spc for more information.

Connection Diagram



Package Contents

- 4-Stream AX1800 WiFi 6 Router (RAX20)
- Ethernet cable
- Quick start guide
- Power adapter, localized to country of sale

Physical Specifications

- Dimensions: 9.96 x 6.06 x 1.69 in (253 x 154 x 43 mm)
- Weight: 1.23 lb (558.4 g)

Technical Specifications

- WiFi 6 (802.11ax) dual band WiFi (AX1800)
 - 2.4GHz: 600Mbps, 40/20MHz 1024/256-QAM
 - 5GHz: 1200Mbps, 80/40/20MHz 1024-QAM
 - Backwards compatible with 802.11a/b/g/n/ac WiFi
- 1024-QAM—25% data efficiency and faster speeds than a 256-QAM router
- Powerful quad-core processor
- Memory: 256MB flash and 512MB RAM
- Five (5) 10/100/1000 Mbps Gigabit Ethernet ports
 - 1 WAN & 4 LAN
- One (1) USB 3.0 port

System Requirements

- Microsoft® Windows 7, 8, 10, Vista®, XP®, 2000, Mac OS®, UNIX®, or Linux®
- Microsoft® Internet Explorer® 11 or higher, Microsoft Edge, Google Chrome® 55 or higher, Firefox® 45 or higher, Safari® 10 or higher

Security

- Automatic firmware update delivers latest security patches to the router
- VPN Support—Secure access to your home network away from home
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Supports WPA3, the latest and cutting-edge WiFi security protocol
- NETGEAR Armor™—Advanced cyber threat protection for your home network and your connected devices††
- NETGEAR Smart Parental Controls™—Easily manage your kids time online across their connected devices™

Warranty

- www.netgear.com/warranty
- Extend your warranty & technical support within 90 days of product purchase [US only]. Visit: prosupport.netgear.com/home

Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller.
- Join the NETGEAR Community Forum. Visit <http://community.netgear.com>

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

*90-day complimentary technical support following purchase from a NETGEAR authorized reseller.

†Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and may be lowered by network and environmental conditions, including network traffic volume and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards. Up to 1800Mbps wireless speeds achieved when connecting to other 802.11ax 1800Mbps devices.

††NETGEAR Armor™ requires a paid subscription after the initial 30-day free trial. (No credit card required for the trial). Visit netgear.com/armor

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‡As compared to an AC1200 2x2 router.

§Requires compatible AX clients with DL-OFDMA and UL-OFDMA support.

For indoor use only.

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